

Subject: INFO-HAMS Digest V89 #912
To: INFO-HAMS@WSMR-SIMTEL20.ARMY.MIL

INFO-HAMS Digest Tue, 21 Nov 89 Volume 89 : Issue 912

Today's Topics:

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 Military aircraft callsigns...Eugene Balinski
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 Scanner with spectrum analyzer
 Transceiver buying advice

Date: Tue, 21 Nov 89 07:36:57 EST
From: pescatore_jt%ncsd%gte.com@RELAY.CS.NET
Subject: CW interface

From: medin@cod.nosc.mil (Ted Medin)
Subject: needed circuit to read cw

> Got the pc sending cw via the serial port driving the key now i need a
> circuit to read cw and toggle the serial port so the pc can read cw alos.

I built a pretty good circuit for doing this about 10 years ago. I got it from an article in Ham Radio magazine in either 1979 or 1980, written by Frank W3EBS (I think). Basically, it was a PLL on the front end that would lock on an audio range signal. You could set the lock frequency and bandwidth. It then used a 555 timer/oscillator to regenerate an audio tone, but I also had a TTL output on the thing. I had it interfaced to a Shadio Rack Color Computer which I sold along with the CW interface.

It actually worked pretty well, but the wide variances in CW fists is a real challenge to a CW recognition program. My program went strictly on a character by character basis and did a decent job on keyer sent CW but you really need some back end processing to look at syntax and vocabulary choices to have a machine decipher average hand sent code. Typical QSO vocabulary is pretty limited, so you could have the program go back and change "rsg" to "rig" and "ph gbl" to "pse qsl".

If you can get hold of the December 1979 and 1980 issues of HR you should be able to look in the annual index.

73 John WB2EKK @N4QQ pescatore_jt%ncsd@gte.com

Date: 21 Nov 89 10:34:28 GMT
From: unmvax!deimos.cis.ksu.edu!ux1.cso.uiuc.edu!ux1.cso.uiuc.edu!
phil@ucbvax.Berkeley.EDU
Subject: Military aircraft callsigns...Eugen

> Your interpretation of MY interpretation is erroneous. The act meant JUST what
> it said: You can (could) listen to ANYTHING, but you can't make commercial
> gain of it. As I remember, the question was discussed in my study text for
> the 1st Class Radiotelephone license. The ECPA was sponsored (IMHO) by drug
> dealers who wanted to be able to conduct business over cellular phones,
> but be protected from arrest and prosecution by eavesdropping police.

IMHO you have this backwards. The ECPA was sponsored by the (Gestapo) police
to make the drug dealers believe that their cellular telephone transmissions
were not being listened to so they would not try to scramble them. Today
(unlike in 1934) Constitutional freedoms (such as the right to burn the very
symbols of those freedoms which does not hurt them) are being tossed out with
the drugs. :-)

> For communication that MUST be secure, encryption devices are readily
> available. The presumption is, then, that plain text transmissions do not fall
> into the category of MUST be secure.

That's what they want the drug dealers to think.

> >You shouldn't have to trust me. I'm not involved. It's the message sender's
> >right to say "This is none of your business." This right is protected by the
> >constitution and laws of the United States.
>
> Oh? Just where in the constitution does it say that? If you choose to use
> a message sending medium that is inherently non-selective, such as a billboard,
> what right do you have to tell me not to read it? And do you also have the
> right to tell me not to listen to, say, Radio Moscow? or Voice of America?

I agree.

> Facists ALWAYS believe that THEY are the keepers of the one TRUE WORD.

I agree even more.

--Phil Howard, KA9WGN--
<phil@ux1.cso.uiuc.edu>

Date: 20 Nov 89 18:46:03 GMT

From: snorkelwacker!spdcc!merk!alliant!linus!raybed2!ewb@uunet.uu.net (EUGENE BALINSKI)

Subject: Military aircraft callsigns...Eugene Balinski

In article <8329.2565CDEE@stjhmc.fidonet.org>, Jim.Grubs@f1.n234.z1.fidonet.org (Jim Grubs) writes:

>

> ...and the fact you're eavesdropping on things not intended for you is
> irrelevant, right?

Mr. Grubs, Am I to presume from your posting that we should not listen to anything not specifically intended for us ? Hmmm, that would leave out almost all scanner type listening, (police, fire, ambulance, snow plows, commercial aircraft, etc) as well as a good part of the short wave spectrum as we might stumble upon a coast guard rescue in progress, or something else. And if all the above is true, then all radios should be designed with all of these illicit frequencies locked out, or better yet, make them all crystal type and force us to go down to the U S government crystal store where we can register our radios and get only the "APPROVED" crystals for our radios. Oh yes, don't forget the once-a-year inspection of our approved radios.

You're living in the wrong country, Mr. Grubs. And there are fewer and fewer places for you to go. I think Albania, and Rumania may still have the the "thought police". Even the Berlin Wall is starting to come down.....

>

> you is

> irrelevant, right?

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

What exactly is your point, Mr Grubs ????

> Uucp: ...{gatech,ames,rutgers}!ncar!noao!asuvax!stjhmc!234!1!Jim.Grubs

> Internet: Jim.Grubs@f1.n234.z1.fidonet.org

Gene Balinski

NOTE: I will not burden the net with any more discussion of this subject.
I will however still post requests for information regarding things
that I have heard and have no information on. THANKS to all those
answered my inquiries.

73

GENE

Date: 21 Nov 89 05:48:31 GMT

From: hp-sdd!holt@hplabs.hp.com (Holt Mebane)
Subject: Multi-mode controllers

I am in the market for a multi-mode controller. What is the word on these things? The four I know of are the MFJ, AEA, Kantronics, and Heathkit. Any comments would be appreciated. BTW, the anticipated uses are mainly AMTOR, Packet (HF), and CW. I wouldn't mind being able to decode other types of transmissions, however. I would want the CW mode to be for use with a KEYER, not the terminal!

Holt Mebane, N4HR

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Date: Tue, 21 Nov 89 08:10:00 EST
From: U009%CCIW.bitnet@ugw.utcs.utoronto.ca
Subject: Nicad Messages in archives

Hi there. Just did a quick scan of the "Today's Topics:" in my data base for infohams and came up with messages dealing with NiCads in digests numbers 280, 472, 474, 477, 479, 504 and 507. Good luck.

Regards, Stu Beal, VE3MWM, (U009@CCIW.BITNET),
National Water Research Institute,
Burlington, Ontario, Canada.

Date: 21 Nov 89 03:30:22 GMT
From: mips!prls!gordon@apple.com (Gordon Vickers)
Subject: Scanner with spectrum analyzer

In article <19778@pasteur.Berkeley.EDU> phil@east.Berkeley.EDU (Phil Lapsley) writes:

->Paul Bame asked about a scanner with a LCD spectrum analyzer he saw in
->an EEB catalog. I saw a full page ad for what I suspect is the same
->scanner in Electronics and Wireless World.
->
->The model is the the Standard AX700E Scanning Receiver. It's hard to
-{lines omitted -gpv}
->WBFM, and NBFM, and can scan in 5, 10, 12.5, 20, and 25 kHz
->increments. There is also a 1 or 5 kHz up/down button. It runs on 12 V

->and has 100 memories. The pan display can be set for 100 kHz, 250
->kHz, or 1 MHz wide.
->
->The company selling it is Lee Electronics, 400 Edgeware Rd, London W2,
->England. I'd be very interested in comments from people who've actually
->used one.
>

I've been thinking of getting a spectrum analyzer, maybe I just need
a new scanner. I'm a bit dissapointed in my PRO-2004, too many memories
to keep track of.

The AX700E sounds interesting. Don't suppose it allows full control
via RS232 and the ability to override the default de-modulation mode ?

Any idea on what these sell for ?

Prehaps someone who owns one of these would care to do a "product review"
for us ?

Gordon Vickers 408/991-5370 (Sunnyvale,Ca); {mips|pyramid|philabs}!prls!gordon

Earth is a complex array of symbiotic relationships:
Every extinction, whether animal, mineral, or vegetable, hastens our own demise.

Date: 21 Nov 89 06:48:53 GMT
From: att!cbnewsj!meal@ucbvax.Berkeley.EDU (michael.e.alterman)
Subject: Transceiver buying advice

I am currently planning to purchase a good base station HF transceiver.
My requirements include built in power supply and antenna tuner.

I am considering the ICOM IC-765 and the KENWOOD 940S, and possibly the
YAESU 767GX.

Any of them seem adequate, with lots of attractive features and
respectable specifications, according to their manufacturers.

I would appreciate any relevant comments from folks who own or have used
any of these rigs, on overall reactions, particularly nice features,
or points of concern.

Please email your responses. I will post a summary if appropriate.

Thanks.

Mike

End of INFO-HAMS Digest V89 Issue #912
